

FORM PTO-1449

ATTY. DOCKET NO.

10014433-1

APPLICATION NO.

09/990,819

CONFIRMATION NO.

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

APPLICANT

Augustin et al.

FILING DATE

11/16/01

GROUP

2841

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
HB	1A 4,164,003	8/7/1979	Cutchaw	
HB	1B 4,581,680	4/8/1986	Garner	
HB	1C 4,886,571	12/12/1989	Suzuki et al.	
HB	1D 5,239,198	8/24/1993	Lin et al.	
HB	1E 5,905,636	5/18/1999	Baska et al.	
HB	1F 5,956,576	9/21/1999	Toy et al.	
HB	1G 5,978,229	11/2/1999	Kim	
HB	1H 5,990,418	11/23/1999	Bivona et al.	
	1I			
	1J			
	1K			

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L				
	1M				
	1N				
	1O				
	1P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	
1R	
1S	

EXAMINER

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DATE CONSIDERED

6/6/03

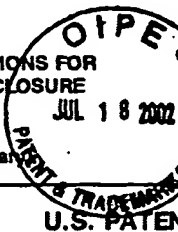
PATENT APPLICATION

Sheet 1 of 1

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APPLICANT

Thomas J. Augustin et al.

FILING DATE

07-16-2001

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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
HB	1A	4,545,610	10/08/1985	Lakritz et al.	
HB	1B	5,222,014	06/22/1993	Lin	
HB	1C	5,541,450	07/30/1996	Jones et al.	
HB	1D	5,805,427	09/08/1998	Hoffman	
	1E				
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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(Us several sheets if necessary)

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11/16/01

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
HB	1A	5,244,143	09/14/93	Thomas G. Ference		
	1B	5,557,503	09/17/96	Phillip Isaacs		
	1C	5,615,735	04/01/97	Stuart Yoshida		
	1D	5,926,370	07/20/99	S. Daniel Cromwell		
	1E	6,061,235	05/09/00	S. Daniel Cromwell		
	1F	6,084,178	07/04/00	S. Daniel Cromwell		
	1G	6,198,630	03/06/01	S. Daniel Cromwell		
	1H	6,231,333	05/15/01	Peter Alfred Gruber		
	1I	6,235,996	05/22/01	Shaji Farooq		
HB	1J	6,276,596	08/21/01	Peter A. Gruber		
	1K					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	1L						
	1M						
	1N						
	1O						
	1P						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

HB	1Q	Thomas P. Dolbear et al., Effect of Mechanical Shock and Vibration on the Second-level Temperature Cycling Reliability of Ceramic Ball Grid Arrays with a Continuous Compressive Load Applied, 5 unnumbered pages.
HB	1R	R. Bargerhuff et al., Development of a Large Heatsink Support Structure, 12 unnumbered pages.
HB	1S	Jeffrey L. Deeney et al., patent application filed on November 16, 2001 titled Method And Apparatus of Supporting Circuit Component Having A Solder Column Array Using Interspersed Rigid Columns, Attorney Docket No. 10015587-1, Pages 1-9 and 1 sheet of drawings.

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